

| Ref # | Hits | Search Query   | DBs               | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-------------------|------------------|---------|------------------|
| L1    | 128  | (95/129.ccls. or 95/138.ccls.) and zeolite and activ\$4  | US-PGPUB; USPAT   | OR               | ON      | 2006/01/09 16:19 |
| L2    | 305  | (95/129.ccls. or 95/138.ccls.) and (zeolite or activ\$4 or layer\$3)   | US-PGPUB; USPAT   | OR               | ON      | 2006/01/09 16:19 |
| L3    | 140  | (95/129.ccls. or 95/138.ccls.) and (layer\$3)  | US-PGPUB; USPAT   | OR               | ON      | 2006/01/09 16:27 |
| L4    | 179  | (423/219.ccls. or 423/235.ccls. or 423/239.2.ccls.) and (layer\$3) and filter\$3   | US-PGPUB; USPAT   | OR               | ON      | 2006/01/09 16:28 |
| L5    | 11   | ((("3144315") or ("4181513") or ("4259096") or ("4323374") or ("4548627") or ("4877433") or ("4878929") or ("4927438") or ("5124856") or ("5133788") or ("5302354"))).PN.  | US-PGPUB; USPAT   | OR               | OFF     | 2006/01/09 16:52 |
| L6    | 1    | ("5772738").PN.  | US-PGPUB; USPAT   | OR               | OFF     | 2006/01/09 16:52 |
| L7    | 23   | ("5772738").URPN.  | USPAT             | OR               | OFF     | 2006/01/09 17:32 |
| L8    | 16   | ("96"/\$7.ccls. or "95"/\$7.ccls. or "55"/\$7.ccls.) and activ\$4 and zeolite and impreg\$ and (potassium adj permanganate) and (koh or (potassium adj hydroxide) or mno or (manganese adj \$4oxide)) and layer\$3 | US-PGPUB; USPAT   | OR               | OFF     | 2006/01/09 17:34 |
| L9    | 37   | ("96"/\$7.ccls. or "95"/\$7.ccls. or "55"/\$7.ccls.) and activ\$4 and zeolite and impreg\$ and (potassium adj permanganate) and (koh or (potassium adj hydroxide) or mno or (manganese adj \$4oxide)) and layer\$3 | US-PGPUB; USPAT   | OR               | ON      | 2006/01/09 17:37 |
| L10   | 0    | activ\$4 and zeolite and impreg\$ and ((potassium adj permanganate) or kmno4) and (koh or (potassium adj hydroxide) or mno or (manganese adj \$4oxide)) and layer\$3 and filter\$3                                 | EPO; JPO; DERWENT | OR               | ON      | 2006/01/09 17:38 |
| L11   | 1    | activ\$4 and zeolite and ((potassium adj permanganate) or kmno4) and (koh or (potassium adj hydroxide) or mno or (manganese adj \$4oxide)) and layer\$3 and filter\$3  | EPO; JPO; DERWENT | OR               | ON      | 2006/01/09 17:39 |
| L12   | 16   | filter\$3 and (ozone or o3) and (nox or nitrogen or no or no2 or no3) and layer and (adsor\$ or absor\$) and (activ\$ or zeolite)  | EPO; JPO; DERWENT | OR               | ON      | 2006/01/09 17:40 |
| S1    | 1    | "20040146436".pn. and (metal adj oxide)  | US-PGPUB; USPAT   | OR               | ON      | 2006/01/09 14:19 |
| S2    | 366  | ((96/131) or (96/132)).CCLS.   | US-PGPUB; USPAT   | OR               | OFF     | 2006/01/09 14:20 |

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|-----|-----|--|-----------------|----|-----|------------------|
| S3  | 86  | (96/121.ccls. or 96/131.ccls. or 96/132.ccls.) and (zeolite same activ\$4)           | US-PGPUB; USPAT | OR | ON  | 2006/01/09 14:21 |
| S4  | 1   | ("5772738").PN.  | US-PGPUB; USPAT | OR | OFF | 2006/01/09 14:22 |
| S5  | 1   | ("5858045").PN.  | US-PGPUB; USPAT | OR | OFF | 2006/01/09 14:22 |
| S6  | 1   | ("6511528").PN.  | US-PGPUB; USPAT | OR | OFF | 2006/01/09 14:36 |
| S7  | 270 | (96/153).CCLS.   | US-PGPUB; USPAT | OR | OFF | 2006/01/09 14:51 |
| S8  | 178 | (96/132).CCLS.   | US-PGPUB; USPAT | OR | OFF | 2006/01/09 14:51 |
| S9  | 66  | 96/132.ccls. and zeolite and activ\$   | US-PGPUB; USPAT | OR | ON  | 2006/01/09 14:59 |
| S10 | 275 | (96/135).CCLS.   | US-PGPUB; USPAT | OR | OFF | 2006/01/09 14:58 |
| S11 | 53  | 96/135.ccls. and zeolite and activ\$4  | US-PGPUB; USPAT | OR | ON  | 2006/01/09 15:01 |
| S12 | 59  | (96/121.ccls. or 96/131.ccls. or 96/134.ccls.) and zeolite and activ\$4 and layer\$3 | US-PGPUB; USPAT | OR | ON  | 2006/01/09 16:18 |
| S13 | 3   | (454/187.ccls.) and zeolite and activ\$4 and layer\$3                                | US-PGPUB; USPAT | OR | ON  | 2006/01/09 15:05 |
| S14 | 1   | (kinkead.in.) and zeolite and activ\$4 and layer\$3                                  | US-PGPUB; USPAT | OR | ON  | 2006/01/09 15:05 |